## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Janne Kerovuo, et al.

Application No. 10/501,442

Art Unit: 1656

Examiner: Sheridan Swope Confirmation No.: 8134

U.S. National Phase of PCT Application No. PCT/US04/10229

For: PECTATE LYASES, NUCLEIC ACIDS ENCODING THEM AND METHODS

FOR MAKING AND USING THEM

## SECOND PRELIMINARY AMENDMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Prior to examination on the merits, Applicant respectfully requests entry of this Second Preliminary Amendment for the above-captioned patent application.

Amendments to the Specification begin on page 2 of this paper.

**Remarks** begin on page 3 of this paper.